

PAG945Ra01

Polyclonal Antibody to Ubiquitin Carboxyl Terminal Hydrolase L1 (UCHL1)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 500µL

Cross Reactivity: Human

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant UCHL1 (Gln2~Ala223) expressed in *E.coli*

Accession No.: RPG945Ra01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

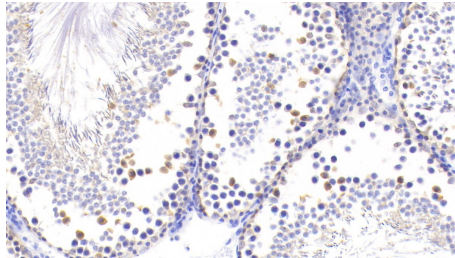
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

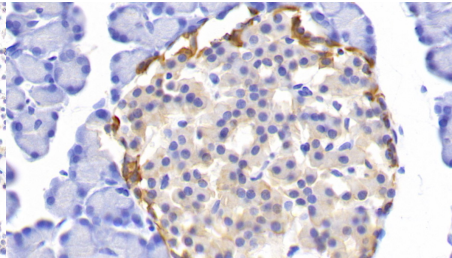
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

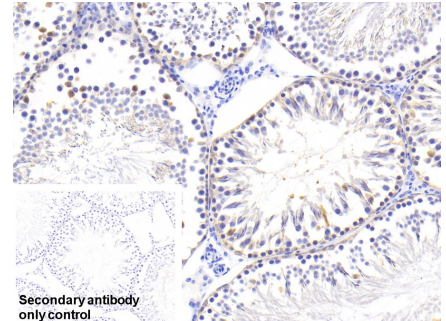
[IDENTIFICATION]



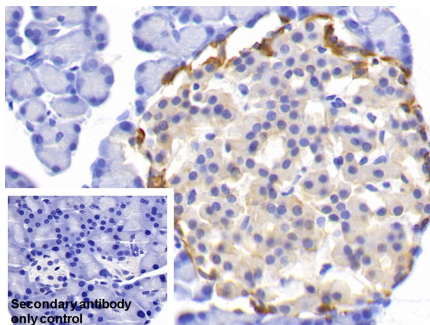
DAB staining on IHC-P; Samples: Rat Testis Tissue; Primary Ab: 20µg/ml Rabbit Anti-Rat UCHL1 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



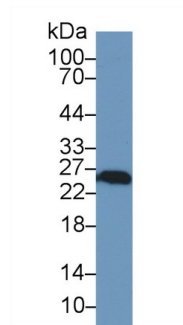
DAB staining on IHC-P; Samples: Rat Pancreas Tissue; Primary Ab: 20µg/ml Rabbit Anti-Rat UCHL1 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



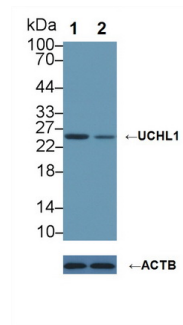
DAB staining on IHC-P; Sample: Rat Testis Tissue
Primary Ab: 20µg/ml Rabbit Anti-Rat UCHL1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Rat Pancreas Tissue
Primary Ab: 20µg/ml Rabbit Anti-Rat UCHL1 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Western Blot; Sample: Human A549 cell lysate; Primary Ab: 1µg/ml Rabbit Anti-Rat UCHL1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



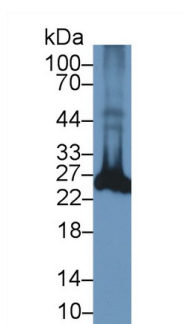
Knockout Varification:
Lane 1: Wild-type A549 cell lysate;
Lane 2: UCHL1 knockout A549 cell lysate;
Predicted MW: 25kd
Observed MW: 26kd
Primary Ab: 1µg/ml Rabbit Anti-Rat UCHL1 Antibody
Second Ab: 0.2µg/mL HRP-Linked

(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



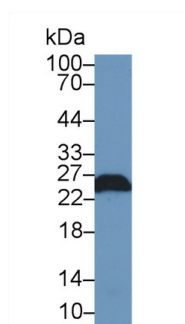
Western Blot; Sample: Rat Spinal cord
lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Rat
UCHL1 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



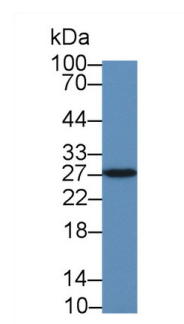
Western Blot; Sample: Rat Cerebrum
lysate;

Primary Ab: 1 μ g/ml Rabbit Anti-Rat
UCHL1 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Sample: Rat Testis
lysate;

Primary Ab: 2 μ g/ml Rabbit Anti-Rat
UCHL1 Antibody

Second Ab: 0.2 μ g/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

[**IMPORTANT NOTE**]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.